

Claims

[c1]

I claim:

1. (Currently amended) A device including a horizontal ruler (length X) and vertical ruler (length Y) attached by a sliding attachment bracket, a circular plate showing 360 degrees (angle θ) of the circle attached to the horizontal ruler along with a pivoting ruler (length R) that can rotate 360 degrees around the circular plate.

[c2]

2. (Currently amended) A device of claim 1, wherein the A pivoting ruler according to claim 1, which revolves to different angles (θ), can be used to measure and measures the height of the vertical ruler (Y) where they intersect.

[c3]

3. (Currently amended) A device of claim 1, wherein the A vertical ruler according to claim 1, which can slides along the horizontal ruler, can be used to measure and measures the length of the horizontal ruler (X) where they intersect.

[c4]

4. (Currently amended) A device of claim 1, wherein the A vertical ruler according to claim 1, which can intersects the pivoting ruler and measures the length of the pivoting ruler (R).

[c5]

5. (Currently amended) A device of claim 1, wherein the vertical ruler, the horizontal ruler and the pivoting ruler can be positioned to form a right triangle in any of the four quadrants and A device according to claim 1, which can calculate used to the trigonometric functions by their relationship with the measured values of X, Y, R and θ to determine values of the trigonometric functions.

[c6]

6. (Canceled) A device of claim 1, wherein the A device according to claim 1, which allows data to be collected that can be used to plot the curves of the trigonometric functions.

[c7]

7. (New) A device of claim 1, wherein the vertical ruler (Y) has marked off units consisting of one section with positive numbers and the remaining section with negative numbers.

[c8]

8. (New) A device of claim 1, wherein the horizontal ruler (X) has marked off units consisting of one section with positive numbers and the remaining section with negative numbers.